



**PATENT**  
Attorney Docket No. 229278

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Williams et al.

Group Art Unit: 3736

Application No. 10/668,451

Examiner: Unassigned

Filing Date: September 22, 2003

For: SENSOR CATHETER HAVING  
REDUCED CROSS-TALK WIRING  
ARRANGEMENTS

**RESPONSE TO NOTICE TO  
FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

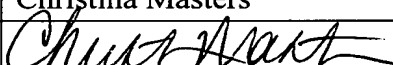
Dear Sir

Applicant(s) hereby respond(s) to the Notice to File Missing Parts of Nonprovisional Application dated December 17, 2003.

The items checked below are appropriate:

**1. Status of Applicant**

This application is on behalf of ☒ other than a small entity or ☐ a small entity.

<b>CERTIFICATE OF MAILING UNDER 37 CFR 1.10</b>			
I hereby certify that this Response and all accompanying documents are being deposited with the United States Postal Service on the date indicated below, in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR 1.10, Mailing Label Number EV 419249921 US, addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
Name (Print/Type)	Christina Masters		
Signature		Date	July 19, 2004

07/21/2004 GWORDF1 00000023 121216 10668451

02 FC:1255 2010.00 DA

**2. Documents Submitted Herewith**

- a. ☒ Executed Declaration of inventor(s)  
b. ☐ Nucleotide and/or Amino Acid Sequence Submission:  
i. ☐ Computer Readable Form (CRF)  
ii. Specification Sequence Listing on:  
(1) ☐ CD-ROM or CD-R (2 copies); or  
(2) ☐ Paper Copy  
iii. ☐ Statement verifying identity of above copies  
c. ☐ Verified English translation of application  
d. ☒ Copy of the Notice to File Missing Parts of Nonprovisional Application  
e. ☐ Substitute Drawings  
f. ☒ Other: Request In Accordance With 37 C.F.R. § 1.48(f) To Change Inventorship and Request In Accordance With 37 C.F.R. § 1.48(e) To Change Inventorship.

**3. Application Filing Fee**

- a. ☒ No application filing fee due  
b. ☐ Application filing fee due in amount calculated below:

APPLICATION FEES				
			BASIC FEE	\$ 770.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	- 20 =		× \$18.00	\$
Independent Claims	- 3 =		× \$86.00	\$
<input type="checkbox"/> Multiple Dependent Claims(s) if applicable			+ \$290.00	\$
Total of above calculations =				\$
Reduction by 50% for filing by small entity =				\$( )
Fee Already Paid =				\$( )
Fee Due =				\$

**4. Late Filing of Oath or Declaration Surcharge**

Pursuant to 37 CFR 1.16(e), the surcharge for filing this Response is for  
☒ other than a small entity or ☐ a small entity.

**Fee Due** \$130.00

**5. Non-English Specification Surcharge**

Pursuant to 37 CFR 1.17(i), the surcharge for submitting an English translation of the non-English specification is included.

**Fee Due** \$ 0.00

**6. Extension of Time**

- ☒ Applicant(s) petition(s) for a five-month extension of time under 37 CFR 1.136, the fee for which is \$2,010.00.
- ☐ Applicant(s) believe(s) that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant(s) has/have inadvertently overlooked the need for a petition and fee for extension of time.

**Fee Due**            \$2,010.00

**7. Total Fee Due**

The total fee due is:

Application Filing Fee	\$ 0.00
Late Filing of Declaration Surcharge	\$130.00
Non-English Specification Surcharge	\$ 0.00
Extension of Time Fee	\$2,010.00


**Total Fee Due: \$2,140.00**

**8. Fee Payment**

- ☐ Attached is a check in the sum of \$ .
- ☒ Charge Account No. 12-1216 the sum of \$2,140.00. A duplicate of this transmittal is attached.

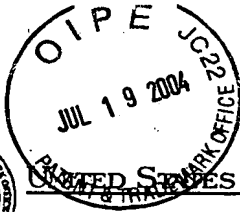
**9. Fee Deficiency**

- ☒ If any additional fee is required in connection with this communication, charge Account No. 12-1216. A duplicate of this transmittal is attached.



Phillip M. Pippenger, Reg. No. 46,055  
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Two Prudential Plaza, Suite 4900  
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Date: July 19, 2004



07-20-04

Page 1 of 2

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/668,451	09/22/2003	Douglas N. Stephens	VT-048 US

CONFIRMATION NO. 2349

35023  
LUCE, FORWARD, HAMILTON @SCRIPPS LLP  
11988 EL CAMINO REAL, SUITE 200  
SAN DIEGO, CA 92130

## FORMALITIES LETTER



\*OC000000011513872\*

Date Mailed: 12/17/2003

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/21/2004 GWORDOF1 00000023 121216 10668451 FILED UNDER 37 CFR 1.53(b)

01 FC:1051 130.00 DA

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

*Flaseln*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE